

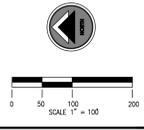
OVERALL EROSION CONTROL PLAN - PRE-CLEARING PHASE
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

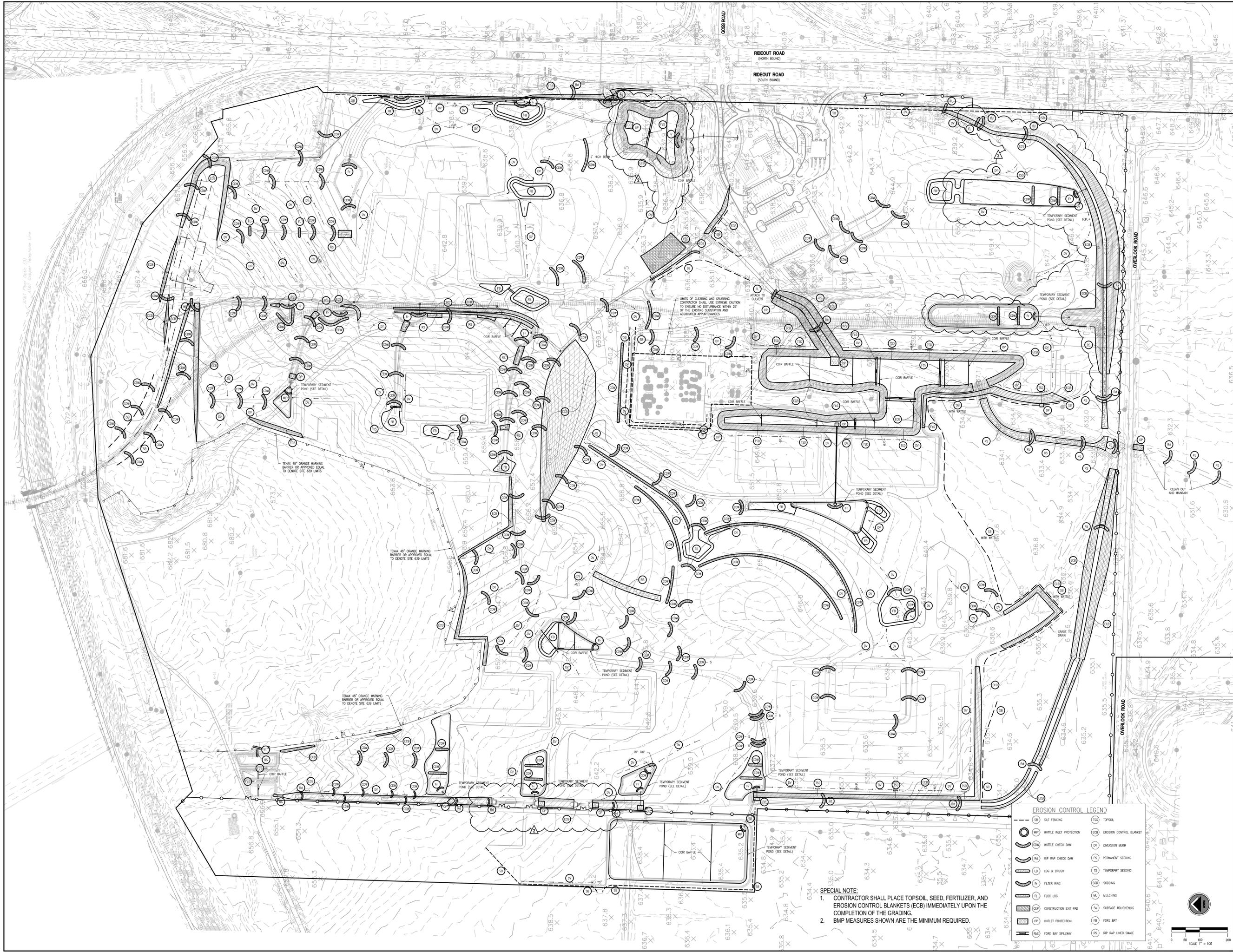
NO.	DATE	BY	DESCRIPTION
1	12/16/2010	RAN	ISSUED FOR PERMIT
2		BSJ	REVISION

- SPECIAL NOTES:**
- CONTRACTOR SHALL UTILIZE BRUSH INITIALLY TO CONTROL RUNOFF IN CRITICAL AREAS UNTIL THE INITIAL EROSION CONTROL PLAN IS IMPLEMENTED.
 - BMP MEASURES SHOWN ARE THE MINIMUM REQUIRED.
 - REFER TO SHEET C 8.2 FOR CLEARING OF BUFFER AREAS.

EROSION CONTROL LEGEND

(SF)	SILT FENCING	(TS)	TOPSOIL
(MI)	WATTLE INLET PROTECTION	(EB)	EROSION CONTROL BLANKET
(CD)	WATTLE CHECK DAM	(DB)	DIVERSION BERM
(RD)	RIP RAP CHECK DAM	(PS)	PERMANENT SEEDING
(LB)	LOG & BRUSH	(TS)	TEMPORARY SEEDING
(FR)	FILTER RING	(SD)	SOODING
(FL)	FLOC LOG	(M)	MULCHING
(EP)	CONSTRUCTION EXIT PAD	(SR)	SURFACE ROUGHENING
(OP)	OUTLET PROTECTION	(FB)	FORE BAY
(FS)	FORE BAY SPILLWAY	(RS)	RIP RAP LINED SLOPE
(B)	50' BUFFER	(GPF)	GRASS PROTECTION FENCING





ASSET OVERLAYS (3)
 1:8.7 Contour, Topographic Line

LIMITS OF CLEARING AND GRADING
 CONTRACTOR SHALL USE EXTREME CAUTION
 TO ENSURE NO DISTURBANCE WITHIN 25'
 OF THE EXISTING SUBSTANCES AND
 ASSOCIATED APPURTENANCES

TEMPORARY SEDIMENT
 POND (SEE DETAIL)

TENX 45° ORANGE WARNING
 BARRIER OR APPROVED EQUIV.
 TO DENOTE SITE B39 LIMITS

TENX 45° ORANGE WARNING
 BARRIER OR APPROVED EQUIV.
 TO DENOTE SITE B39 LIMITS

TENX 45° ORANGE WARNING
 BARRIER OR APPROVED EQUIV.
 TO DENOTE SITE B39 LIMITS

SPECIAL NOTE:
 1. CONTRACTOR SHALL PLACE TOPSOIL, SEED, FERTILIZER, AND
 EROSION CONTROL BLANKETS (ECB) IMMEDIATELY UPON THE
 COMPLETION OF THE GRADING.
 2. BMP MEASURES SHOWN ARE THE MINIMUM REQUIRED.

EROSION CONTROL LEGEND			
(SF)	SILT FENCING	(TS)	TOPSOIL
(WIP)	WATTLE INLET PROTECTION	(ECB)	EROSION CONTROL BLANKET
(WCD)	WATTLE CHECK DAM	(DB)	DIVERSION BERM
(RR)	RR RAP CHECK DAM	(PS)	PERMANENT SEEDING
(LB)	LOG & BRUSH	(TS)	TEMPORARY SEEDING
(FR)	FILTER RING	(SD)	SOODING
(FL)	FLOOD LOG	(M)	MULCHING
(CEP)	CONSTRUCTION EXIT PAD	(SR)	SURFACE ROUGHENING
(OP)	OUTLET PROTECTION	(FB)	FORE BAY
(RSP)	FORE BAY SPILLWAY	(RRL)	RR RAP LINED SLOPE

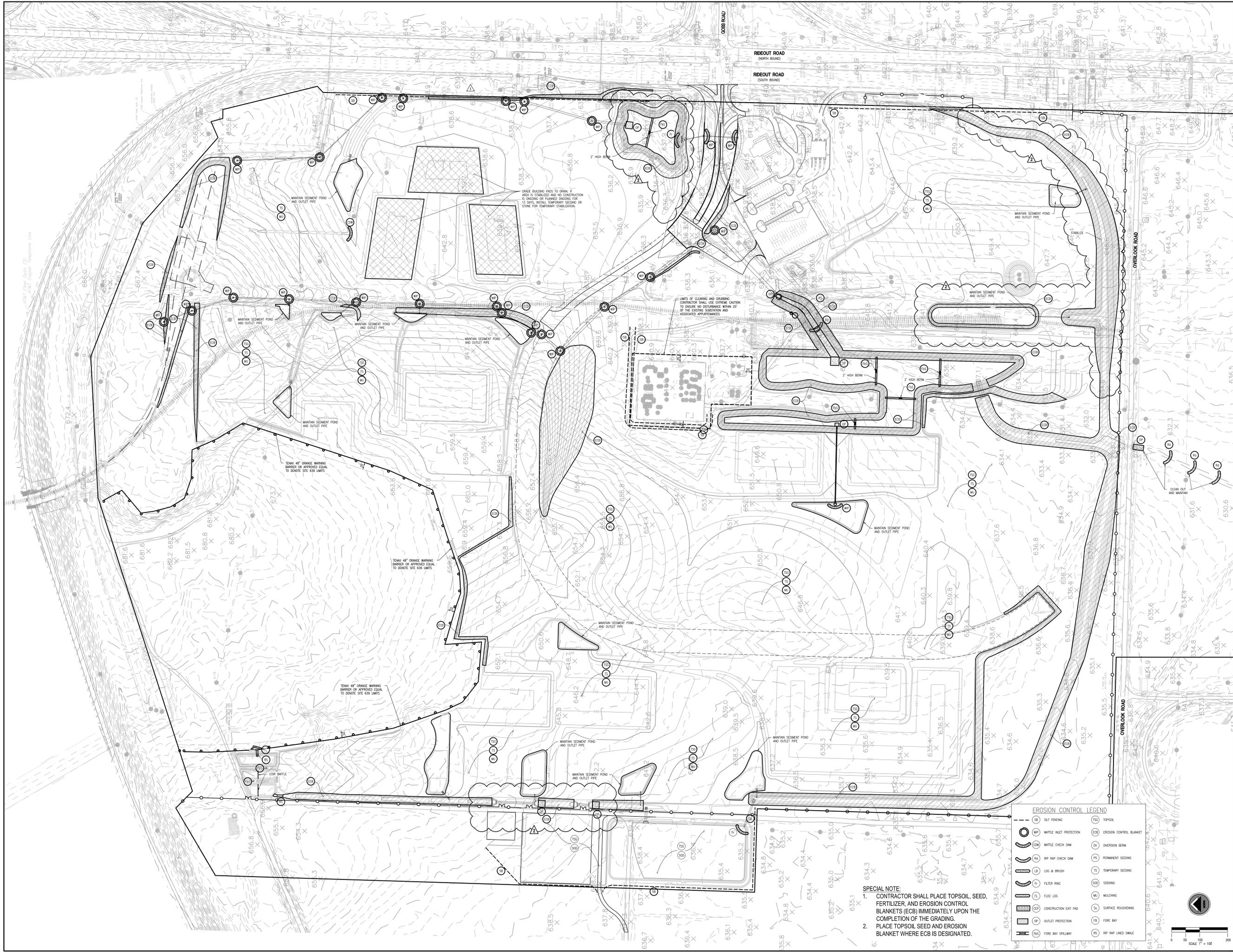


0 50 100 200
 SCALE 1" = 100'

EROSION CONTROL PLAN - INTERMEDIATE PHASE
REDSTONE GATEWAY - PACKAGE 1A
 CITY OF HUNTSVILLE
 HUNTSVILLE, ALABAMA

NO.	DATE	BY	CHKD	DESCRIPTION
1	12/16/2010	BSJ	BSJ	PREPARED FOR PERMIT
2				
3				
4				
5				
6				
7				
8				
9				
10				

Drawn By: **BSJ**
 Checked By: **BSJ**
 Date: **12/16/2010**
 Scale: **1" = 100'**
 Sheet Number: **C8.2**



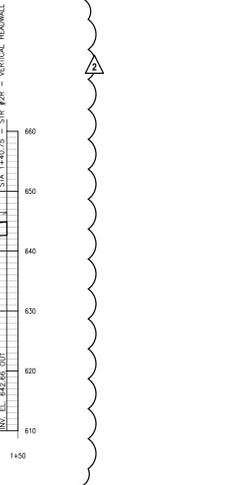
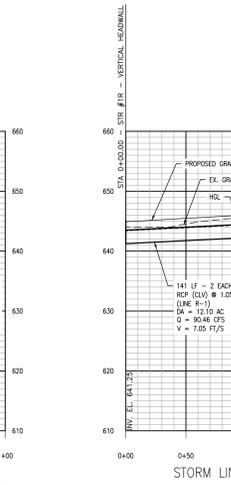
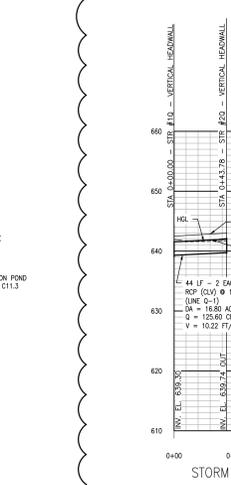
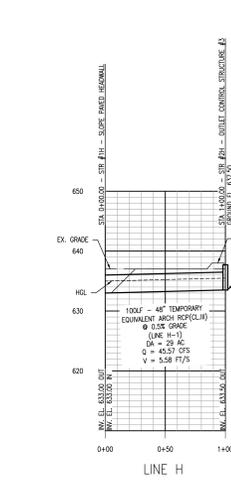
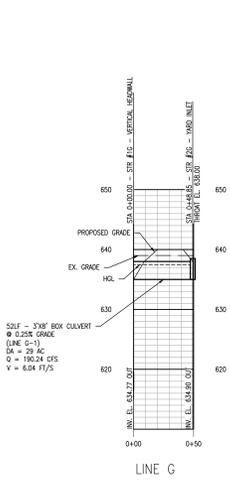
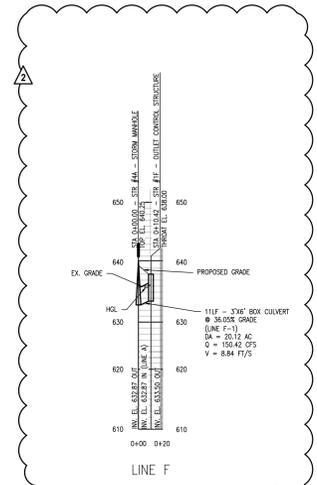
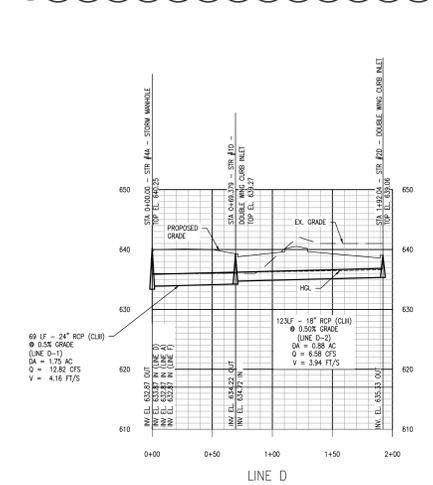
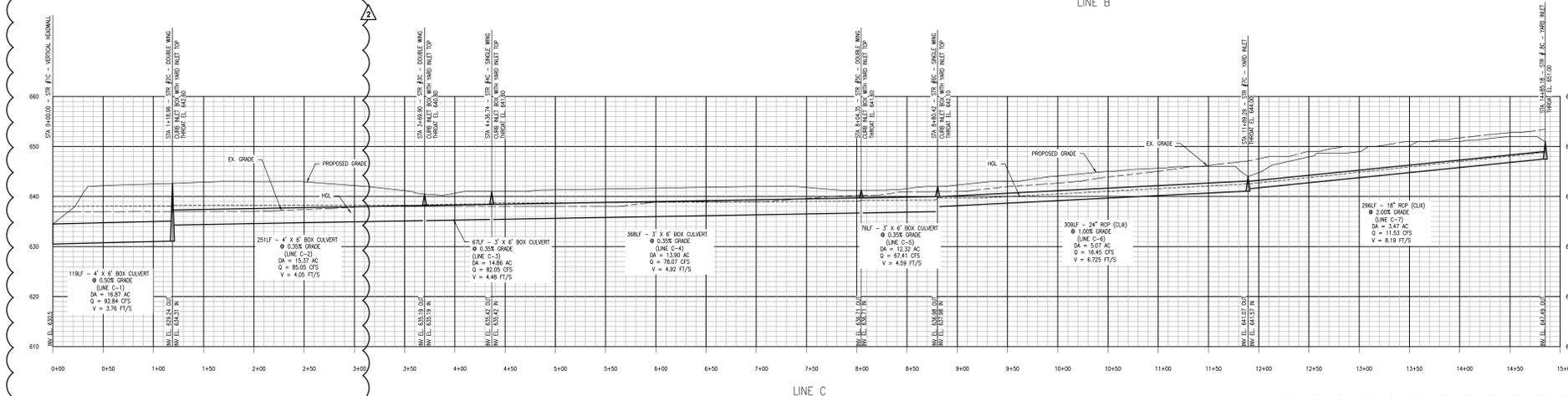
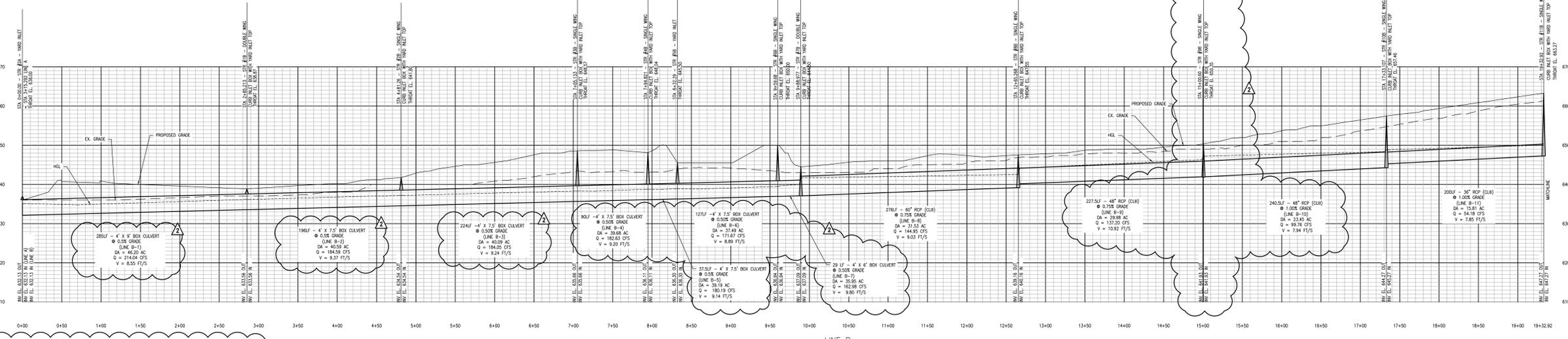
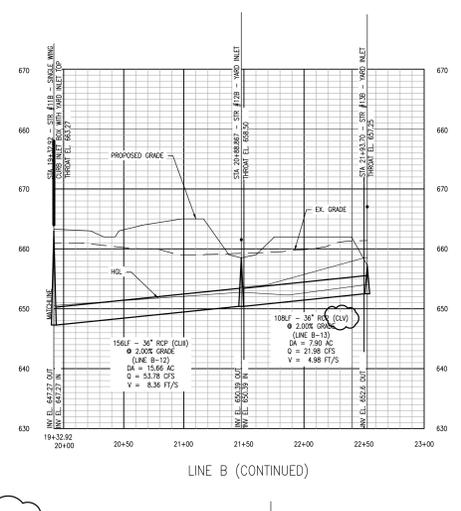
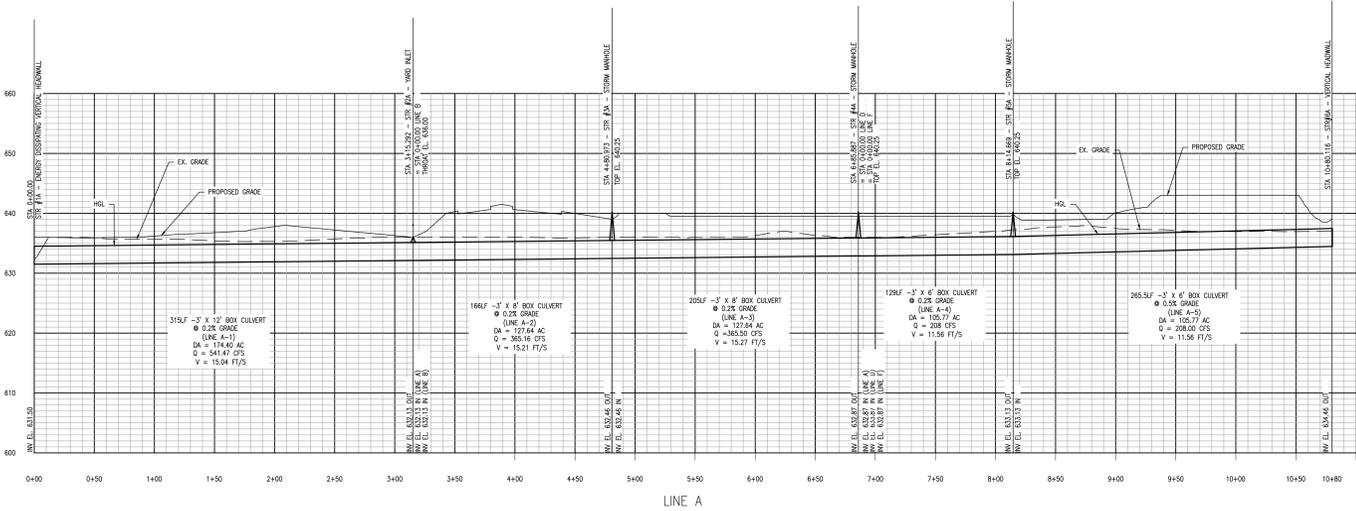
EROSION CONTROL LEGEND

(SF)	SILT FENCING	(TE)	TOPSOIL
(MI)	WATTLE INLET PROTECTION	(ECB)	EROSION CONTROL BLANKET
(MC)	WATTLE CHECK DAM	(DB)	DIVERSION BERM
(R)	RR RAP CHECK DAM	(PS)	PERMANENT SEEDING
(L)	LOG & BRUSH	(TS)	TEMPORARY SEEDING
(FR)	FILTER RING	(S)	SOODING
(FL)	FLOOD LOG	(M)	MULCHING
(EP)	CONSTRUCTION EXIT PAD	(SR)	SURFACE ROUGHENING
(OP)	OUTLET PROTECTION	(FB)	FORE BAY
(FS)	FORE BAY SPILLWAY	(RL)	RR RAP LINED SLOPE

SPECIAL NOTE:
1. CONTRACTOR SHALL PLACE TOPSOIL, SEED, FERTILIZER, AND EROSION CONTROL BLANKETS (ECB) IMMEDIATELY UPON THE COMPLETION OF THE GRADING. PLACE TOPSOIL SEED AND EROSION BLANKET WHERE ECB IS DESIGNATED.

EROSION CONTROL PLAN - FINAL PHASE
REDSTONE GATEWAY - PACKAGE 1A
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

DATE	12/16/2010
DESIGNED BY	RAN
CHECKED BY	BSJ
SCALE	1" = 100'
PROJECT NUMBER	302-10-002A
DATE	12/16/2010
DESIGNED BY	RAN
CHECKED BY	BSJ
SCALE	1" = 100'
PROJECT NUMBER	302-10-002A



SPECIAL NOTES:
 1. PIPES SIZED FOR THE 25-YR STORM EVENT.
 2. SEE SHEETS C6.1 TO C6.4 FOR STORM PIPE LAYOUT INFORMATION AND GRADING.

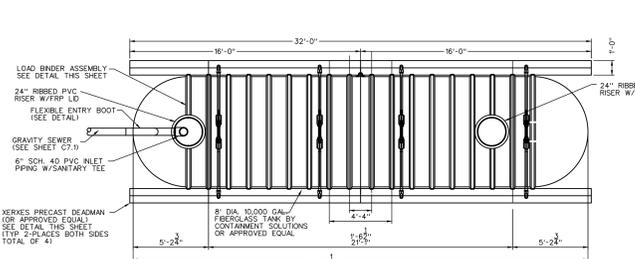
SCALE:
 1"=50' HORIZONTAL
 1"=10' VERTICAL

LEGEND:
 --- EXISTING GRADE
 - - - - - PROPOSED GRADE
 - - - - - STORM SEWER

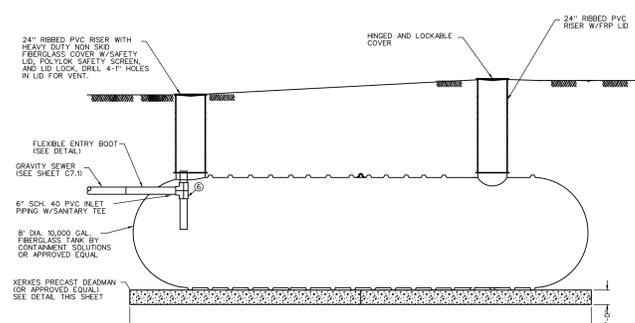
STORM PROFILES
REDSTONE GATEWAY - PACKAGE 1A
 CITY OF HUNTSVILLE
 HUNTSVILLE, ALABAMA

NO.	DATE	BY	CHKD	DESCRPTION
1	12/16/2010	BSJ	BSJ	ISSUE FOR PERMITS
2	12/16/2010	BSJ	BSJ	ISSUE FOR PERMITS

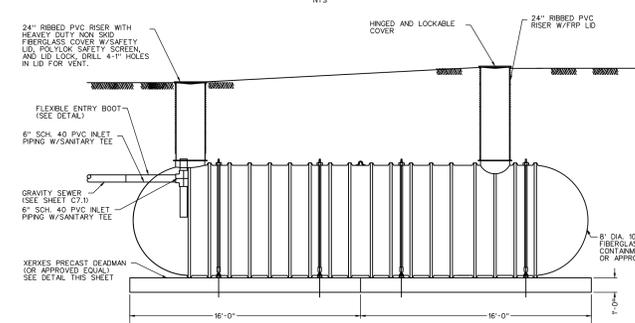
Drawn By: **BSJ**
 Checked By: **BSJ**
 Date: **12/16/2010**
 Sheet Number: **C10.0**



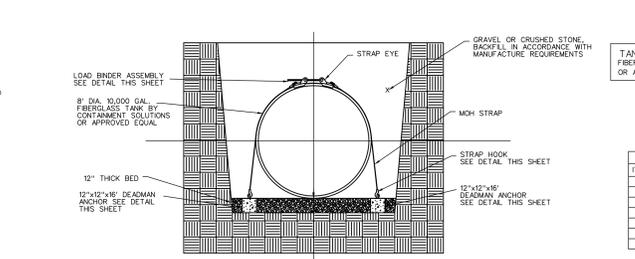
10,000 GALLON PUMP TANK PLAN VIEW
NTS



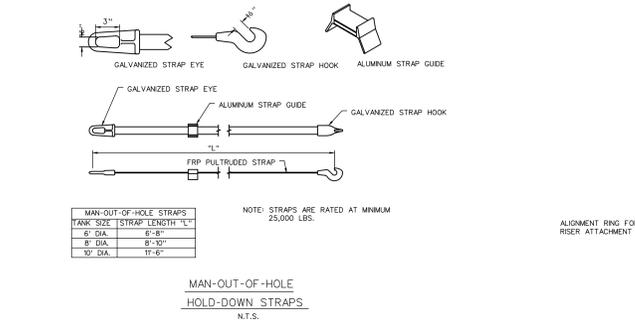
10,000 GALLON PUMP TANK
NTS



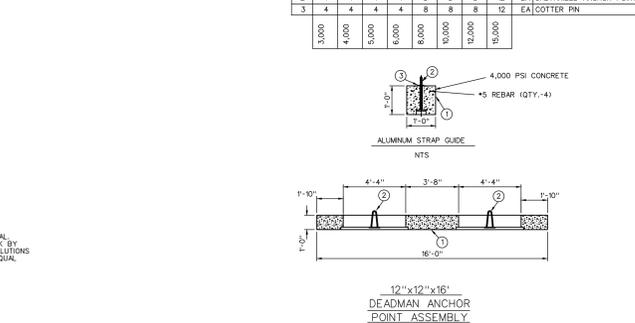
PUMP TANK TIE DOWN VIEW
NTS



MOH STRAPS
TANK INSTALLATION
NTS



MAN-OUT-OF-HOLE
HOLD-DOWN STRAPS
NTS

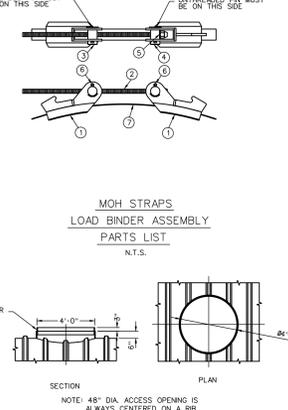


48\"/>

TANK NOTES:
FIBERGLASS TANK AND ACCESSORIES SHALL BE BY CONTAINMENT SOLUTIONS OR APPROVED EQUAL.

LOAD BINDER ASSEMBLY PARTS LIST

ITEM	QTY	DESCRIPTION
1	2	HOLD DOWN CLEVIS WELDMENT, ZINC COATED
2	1	7/8\"/>
3	1	CLEVIS PIN, TAPPED HOLE, ZINC COATED
4	1	CLEVIS PIN, CLEARANCE HOLE, ZINC COATED
5	1	1/8\"/>
6	2	5/8\"/>
7	1	WEAR PLATE, ZINC COATED

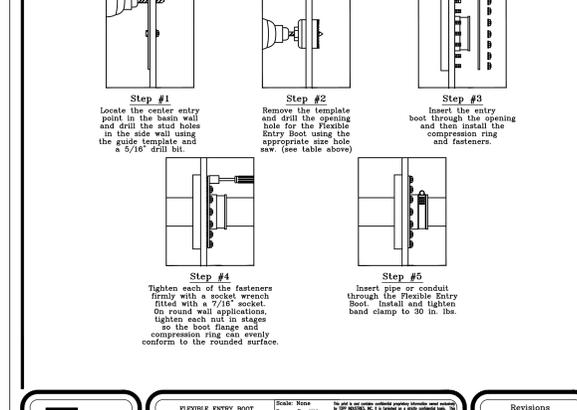
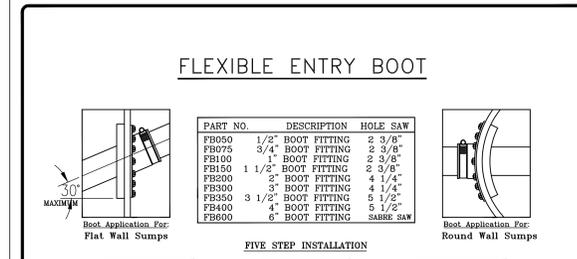


MOH STRAPS
LOAD BINDER ASSEMBLY
PARTS LIST
NTS

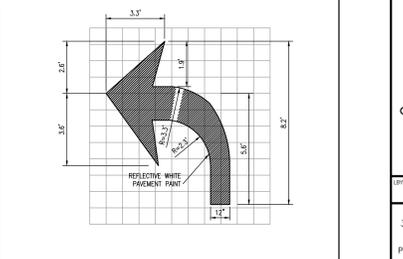
NOTE: 48\"/>

ITEM	QTY	DESCRIPTION
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2	2	EA DEADMAN, 12\"/>
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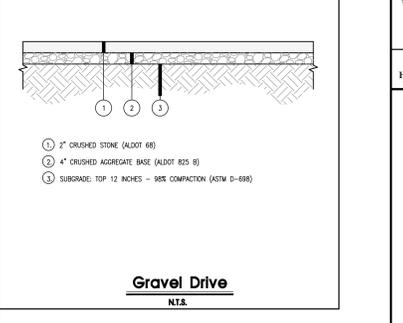
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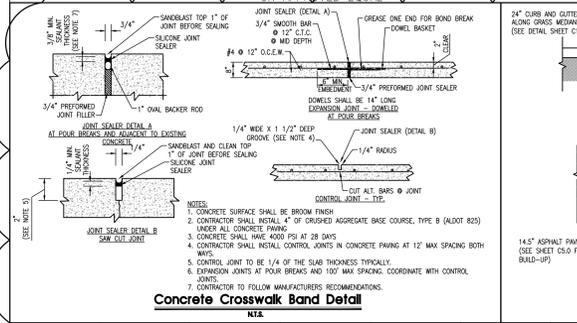
FLEXIBLE ENTRY BOOT
NTS



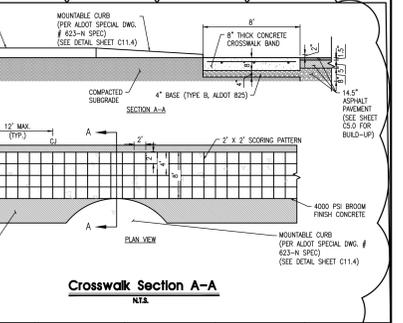
Painted Turn Arrow
NTS



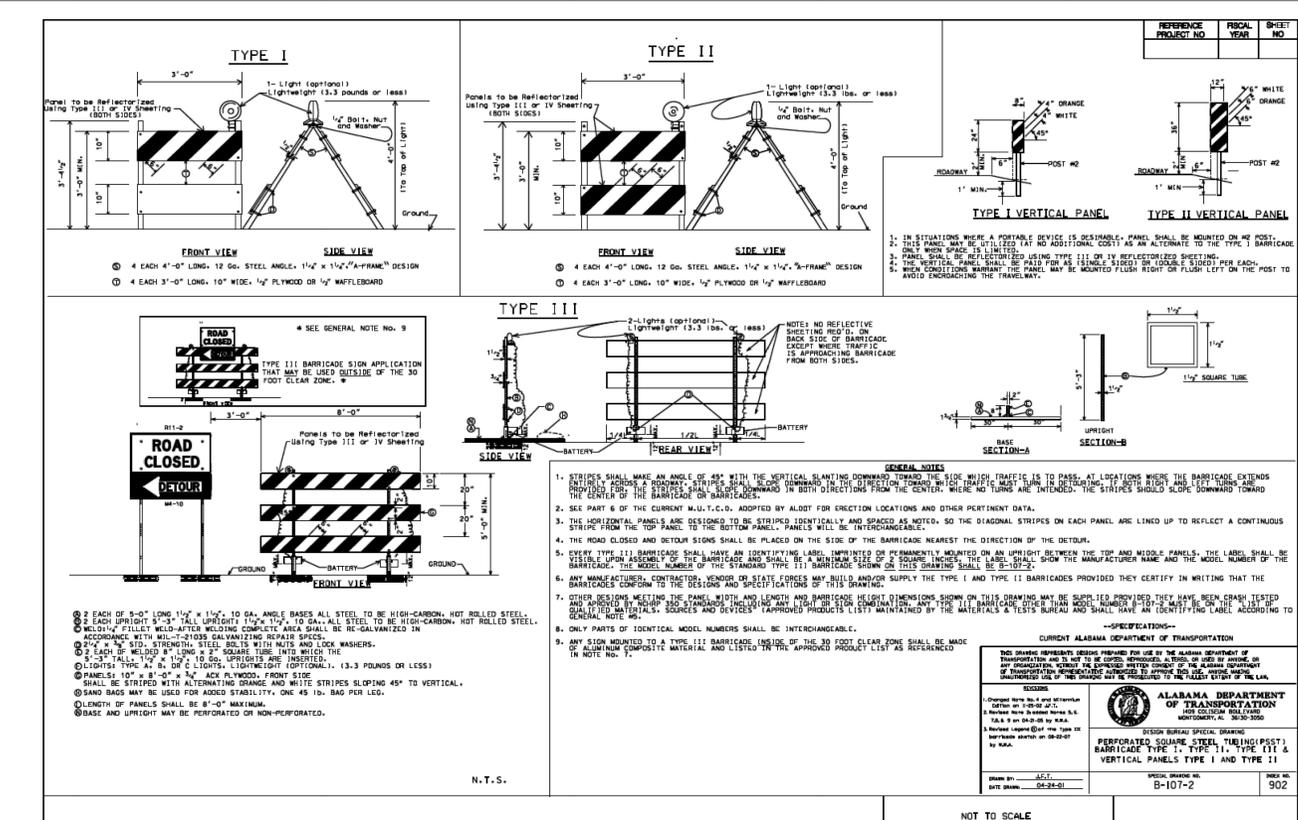
Gravel Drive
NTS



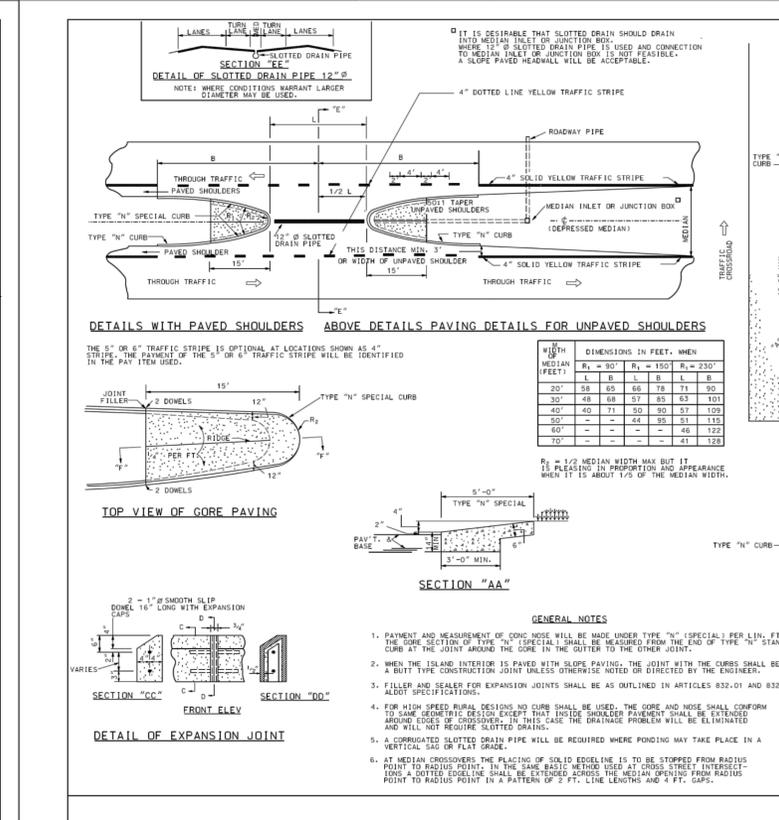
Concrete Crosswalk Band Detail
NTS



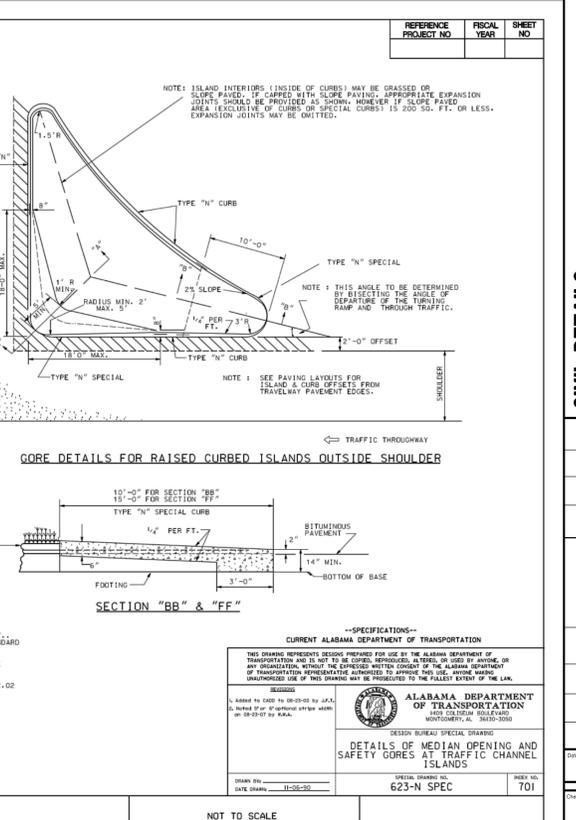
Crosswalk Section A-A
NTS



BARRICADE SIGN APPLICATION
NTS



DETAILS OF PAVING SHOULDERS
NTS



GORE DETAILS FOR RAISED CURBED ISLANDS OUTSIDE SHOULDER
NTS

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Atlanta, Georgia
Birmingham, Alabama
Huntsville, Alabama
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1978 Project Number
302-10-002A

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305 Church Street SW
Suite 719
Huntsville, AL 35801
Phone (256) 533-1575
Fax (256) 533-1744

ALABAMA REGISTERED PROFESSIONAL ENGINEER
2/4/2011
HUNTSVILLE
City of Huntsville, Alabama

REDSTONE GATEWAY - PACKAGE 1A
CIVIL DETAILS
REDSTONE GATEWAY
CITY OF HUNTSVILLE
HUNTSVILLE, ALABAMA

DATE: 12/16/2010
DRAWN BY: RAN
CHECKED BY: BJS
DESIGN NUMBER: C11.4